

FLAME-RETARDANT, FLEXIBLE FLUORORUBBER COMPOSITION

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Abstract of JP62190244

PURPOSE: A composition having extremely improved tear strength without damaging characteristic rubber properties, obtained by blending fluororubber with fluororesin powder and/or fibrous filler.

CONSTITUTION: (A) 10pts.wt. fluororubber is blended with 5-70pts.wt. (B) fluororesin powder and/or (C) fibrous filler. Tetrafluoroethylene-propylene copolymer is used as the component A. A non-electrically conductive fibrous filler subjected to surface treatment with a coupling agent is used as the component C. Fluororubber having 30-150, especially 50-100 Mooney viscosity at 100 deg.C is preferable as the component A. The component B used has 100µm particle size. Potassium titanate, MOS, etc., is preferable as the component C.

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